

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200 Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
Form Approved  
OMB No. 1218-0072

**IDENTITY (As Used on Label and List)****Liquid Laundry Detergent**

aka LLD

Item #464 09 018 02 - Quarts 12/1-quart plastic bottles  
Item #464 09 018 01 - Case of 4 1-gallon plastic jugs  
Item #464 09 018 05 - 5 gallon Pail  
Item #464 09 018 55 - 55 gallon Drum  
Item #464 09 018 00 - Case of 100, 2 oz. clear bags

**Section I**

Illinois Correctional Industries

1301 Concordia Court

P.O. Box 19277

Springfield, IL 62794-9277

Emergency Telephone Number

In case of poisoning, call

your poison control center at **1-800-222-1222**

Telephone Number for Product Information

Date Prepared

1-800-634-0213

02/23/10

**Section II -- Hazardous Ingredients/Identity Information**

Hazardous Components

	OSHA PEL CAS #	ACGIH TLV	Carcinogen (OSHA, TP, IARC)	%
Ethanol	64-17-5	1900mg/m3	1000ppm	1-5%
2-Aminoethanol	141-43-5	14mg/m3	6mg/m3	1-5%

N E = none established

**Section III -- Physical/Chemical Characteristics**

Boiling Point	212° F	Specific Gravity (H2O = 1)	1.04-1.06
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	Complete		
Appearance and Odor	Clear, blue viscous liquid with pleasant odor		

**Section IV -- Fire and Explosion Hazard Data**

Flash Point (Method Used)	None	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	Foam, carbon dioxide, dry chemical						
Special Fire Fighting Procedures	Minimize prolonged skin and eye contact. Wear eye protection if exposure is likely.						

Unusual Fire and Explosion Hazards

None known

**Section V -- Reactivity Data**

Stability	Unstable		Conditions to Avoid	
	Stable	<b>X</b>		
Incompatibility (Materials to Avoid)	strong acids or strong alkalies			
Hazardous Decomposition or Byproducts	None Known			
Hazardous Polymerization	May Occur		Conditions to Avoid	
	Do Not Occur	<b>X</b>		

(Reproduced locally)

OSHA 174.: Sept. 1985

**Section VI -- Health Hazard Data**

Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes	Eyes?	Yes
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**Health Hazards (Acute and Chronic)**

**Inhalation:** Breathing of mists may cause irritation. Remove to fresh air. Give respiration or oxygen if needed.

**Skin:** Extended contact may cause irritation or defatting. Wear protective gloves if necessary. Flush skin with water for 15 minutes. Get medical attention for any irritation.

**EYES:** Can cause irritation. Wear goggles as needed. Flush immediately with water for 15 minutes. Get prompt medical attention if needed.

**Ingestion:** May cause mild gastric disturbance. Drink lots of water or, preferably milk or juices.

DO NOT induce vomiting. Get medical attention if effects persist.

Carcinogenicity:	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
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**Signs and Symptoms of Exposure**

Eyes and skin irritation

**Medical Conditions Generally Aggravated by Exposure**

None known

**Emergency and First Aid Procedures**

EYES: Irrigation of the eye immediately with water for 10 minutes is good safety practice. SKIN: Wash off in flow water or shower. Wash clothing before reuse. INHALATION: Remove to fresh air if effects occur. If respiration stops, give mouth-to-mouth resuscitation. Administer oxygen if available. Call physician and/or transport to medical facility. INGESTION: Seek medical attention. Unless advised otherwise, induce vomiting by giving either syrup of ipecac followed by 2 glasses of water or by sticking finger down throat. Do not give anything by mouth if the person is drowsy, unconscious or has no gag reflex.

**Section VII -- Precautions for Safe Handling and Use****Steps to be taken in Case Material is Released or Spilled**

Absorb method for the disposal of chemical wastes subject to local, absorbant material.

Large spills should be contained in a suitable container for disposal or reuse.

**Waste Disposal Method** Dispose of in accordance with Local ordinances, State laws or Federal Regulations.

**Precautions to Be Taken in Handling and Storing** Handle with reasonable care. Avoid breathing vapors.

Store in a cool dry place. Dispose of empty containers in accordance with local, state, and federal guidelines.

**Section VIII -- Control Measures****Respiratory Protection (Specify Type)**

Not required

<b>Ventilation</b>	Local Exhaust	N/A	Special
	Mechanical (general)	N/A	Other
<b>Protective Gloves</b>	not required		<b>Eye Protection</b> Safety glasses / goggles
<b>Other Protective Clothing or Equipment</b>	No specific requirements		
<b>Work/Hygienic Practices</b>	wash hands before eating, avoid inhalation or ingestion		

**HMIS  
HAZARD  
RATING**

Health	1
Reactivity	0
Flammability	0
Personal Protection	X

0- Least  
1- Slight  
2- Moderate  
3- High  
4- Extreme